



M 4.0, 1.1 mi NNE of Hawthorne, CA

Origin Time: Tue 2009-05-19 22:49:11 UTC Location: 33.93°N 118.34°W Depth: 15 km

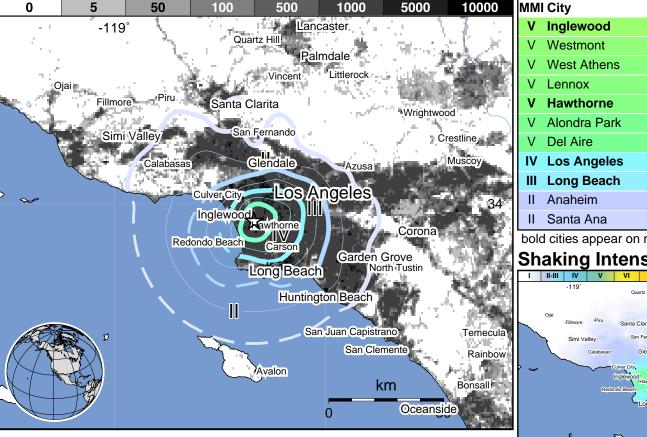
PAGER Version 4

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		5,582k*	8,257k	2,422k	891k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

population per ~1 sq. km from Landscan 2006 **Selected City Exposure** Population Exposure



MM	l City	Population
٧	Inglewood	116k
V	Westmont	32k
٧	West Athens	9k
V	Lennox	23k
٧	Hawthorne	87k
٧	Alondra Park	8k
V	Del Aire	9k
IV	Los Angeles	3,694k
Ш	Long Beach	482k
Ш	Anaheim	328k
Ш	Santa Ana	343k
bolo	d cities appear on map	(k = x1000)

ı	II-III	IV	V	VI	VII	VIII	IX	X+
		-119°		Qui	·Lar artz Hill	ncaster		(
					Pa	ilmdale		5
	Ojai				Vincent	Littlerock		
~	Ojai	Fillmore	Piru	Santa (Clarita		Wrightwood	
	`	Simi Va	lley'	Sar	Fernando		Crest	line,
			Calabasas		Glendale	Azusa	Mu	scoy
~		_		Culver City,	Los A	Angeles		0.41
				Inglewood	Hawthorne Carson		Corona	34
				(Long Beac	Garden Gro h North T	ve Fustin	
					Huntin	gton Beach		
		ø		~		an Juan Capistrano		Temecula
				1	Avalon	San Clemen	te	Rainbow
					J	km	_ □	ionsall)

Population exposure estimates are NOT a direct estimate of earthquake damage; comparable shaking will result in significantly lower losses in regions with well built structures than in regions with vulnerable structures. Overall, the population in this region resides in structures that are resistant to earthquake shaking, though some vulnerable structures exist.